



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 31]

नई दिल्ली, शनिवार, अगस्त 3, 1974 (श्रावण 12, 1896)

No. 31]

NEW DELHI, SATURDAY, AUGUST 3, 1974 (SRAVANA 12, 1896)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2 PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 3rd August 1974

CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated the 27th July 1974, under the heading "Patents deemed to be endorsed with the words 'Licences of Right'"

deletes the figures 124497, 125457 and 125743 and entries thereagainst.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

15th July 1974

1569/Cal/74. Council of Scientific and Industrial Research. Improved enchants for fabrication of capacitor array by selectively etching aluminium, silicon monoxide and aluminium layers deposited on glass substrates.

1570/Cal/74. Council of Scientific and Industrial Research. A technique of baking and cooling operation for semiconductor devices utilizing a novel all glass apparatus.

1571/Cal/74. American Home Products Corporation. A new process for the production of penicillins. [Divisional date April 28, 1969].

1572/Cal/74. Rhone-Poulenc S.A. Pyrazoline derivatives.

1573/Cal/74. Unie Van Kunststestfabrieken B. V. Process for preparing urea from ammonia and carbon dioxide.

1574/Cal/74. International Computers Limited. Improvements in or relating to data processing systems. (July 18, 1973).

1575/Cal/74. Celanese Corporation. Clumping elimination in asbestos flame-retarded polyalkylene terephthalate resin compositions and process for.

1576/Cal/74. D. Banerjee. Improvements in or relating to rail pads for sleepers in railway track.

1577/Cal/74. Sunkist Growers, Inc. Article-orienting Conveyor.

1578/Cal/74. Cassella Farbwerke Mainkur Aktiengesellschaft. Process for the production of new basically substituted 1, 2, 3-benzothiazine-4(3H)-one derivatives. [Divisional date May 18, 1970].

1579/Cal/74. Pennsylvania Engineering Corporation. Bottom clamp for obm vessels.

1580/Cal/74. The Wellcome Foundation Limited. Method of preparing 5-benzylpyrimidines. (February 19, 1966). [Divisional date February 17, 1967].

16th July 1974

1581/Cal/74. S. S. Badalia. Improvements in or relating to the manufacture of pressure appliances.

1582/Cal/74. S. B. Bandyopadhyay. Stop motion attachment in JF. finisher card.

- 1583/Cal/74. The Lucas Electrical Company Limited. Road vehicle electrical systems. (July 20, 1973).
- 1584/Cal/74. National Plant Hire (Proprietary) Limited. An improved sealing washer assembly.
- 1585/Cal/74. The Goodyear Tire & Rubber Company. Polyurethane shock absorbing unit.
- 1586/Cal/74. Fisons Limited. Device.
- 1587/Cal/74. Westinghouse Electric Corporation. Composite glass cloth-cellulose fiber epoxy resin laminate.
- 1588/Cal/74. Westinghouse Electric Corporation. Composition for forming thermoparticulating coating which protects electrical apparatus.
- 1589/Cal/74. Unisearch Limited. Enzymatic substrate adjustment.
- 1590/Cal/74. The British Aluminium Company Limited. Method of extracting gallium from aluminates solutions. (July 19, 1973).

17th July 1974

- 1591/Cal/74. Girling Limited. Improvements in disc brakes. (July 24, 1973).
- 1592/Cal/74. C. A. V. Limited. Liquid fuel pumping apparatus. (July 28, 1973).
- 1593/Cal/74. United States Atomic Energy Commission. Simplified rotor for fast analyzer of rotary cuvette type.
- 1594/Cal/74. Council of Scientific and Industrial Research. A process for the manufacture of processing aid for natural and synthetic rubber from cashew nut shell liquid.
- 1595/Cal/74. Westinghouse Electric Corporation. Steam turbine power plant having improved testing method and system for turbine inlet valves associated with downstream inlet valves preferably having feedforward position managed control.
- 1596/Cal/74. Westinghouse Electric Corporation. An amplifier with failsafe predetermined gain.
- 1597/Cal/74. Raychem Limited. Improvements in or relating to surgical device and process for manufacturing the same. (July 18, 1973).
- 1598/Cal/74. T. J. Hallenius and K. I. Sagefors. Method of blasting and reinforcing rock cavities.
- 1599/Cal/74. Eli Lilly and Company. A process for preparing a cephalosporin antibiotic. [Divisional date March 6, 1967].

18th July 1974

- 1600/Cal/74. Smith Kline & French Laboratories Limited. Pharmacologically active compounds. (July 13, 1973).
- 1601/Cal/74. RCA Corporation. Method of joining flat surfaces to each other and devices made thereby.
- 1602/Cal/74. Imperial Chemical Industries Limited. Prostanoid acid derivatives. (August 2, 1973).
- 1603/Cal/74. Simon-Hartley Limited. Improvements in or relating to filters. (August 25, 1973).
- 1604/Cal/74. Politehnika Gdanska. Desalanitetajne N-acyl derivatives and the method for their preparation.

- 1605/Cal/74. The Marley Company. Multiple fan circular dry surface cooling tower.
- 1606/Cal/74. Gaver S. A. A process for preparing a benzamide derivatives.
- 1607/Cal/74. N. V. Philips' Gloeilampenfabrieken. Circuit arrangement including a gyrator resonant circuit.
- 1608/Cal/74. Ceskoslovenska Akademie Ved. Method for preparation of emulsions, concentrated dispersions and pastes.

19th July 1974

- 1609/Cal/74. J. Seth. Improvements in or relating to wire rope type hoist machines.
- 1610/Cal/74. Priyavarat. Improvements in or relating to brick kiln utilising husk as fuel.
- 1611/Cal/74. R. M. Arora & Son (H.U.F.). Single speed shutter mechanism for a still camera.
- 1612/Cal/74. Burroughs Corporation. Display panel.
- 1613/Cal/74. Hoechst Aktiengesellschaft. Novel mono-azo pigments and process for preparing them.
- 1614/Cal/74. Canada Wire and Cable Limited. A water soluble seed sheet. (July 23, 1973).
- 1615/Cal/74. Ciba of India Limited. Process for the preparation of oxazepine derivatives. [Divisional date December 8, 1966].
- 1616/Cal/74. Ciba of India Limited. Process for the preparation of oxazepine derivatives. [Divisional date December 8, 1966].

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE (BOMBAY BRANCH).

1st July 1974

- 254/Bom/74. The Director, Central Water and Power Research Station. Digital data logger using a typewriter.

3rd July 1974

- 255/Bom/74. K. V. Radhakrishnan. Kinetic dynamic machines for working on solids, liquids and gases.

6th July 1974

- 256/Bom/74. H. S. Bhoot. A starter for use with a three-phase motor.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE (MADRAS BRANCH).

5th July 1974

- 116/Mas/74. K. S. N. Namboodiripad and K. S. D. Namboodiripad. A rotary piston internal combustion engine with a square rotor and a three lobed epi-trochoidal casing.

- 117/Mas/74. M. P. Mallappa. Improvements in and relation to plants and machinery to produce phatic fertilizer of npk type with k20 as sulphate.

8th July 1974

- 118/Mas/74. The South India Textile Research Association. A device for spinning core yarns using conventional ring spinning machines.

- 119/Mas/74. R. L. S. Reddy. Round table, centre portion capable of revolving, outer portion rigidly fixed

9th July 1974

- 120/Mas/74. Ajit Kumar Thakur. A heat exchanger.

10th July 1974

121/Mas/74, S. L. N. Iyer. An adjustable electric geyser.

12th July 1974

122/Mas/74, Best & Co. Private Ltd. A voltage regulator.

ALTERATION OF DATE

135987. (2226/Cal/73). Ante-dated to July 21, 1971.

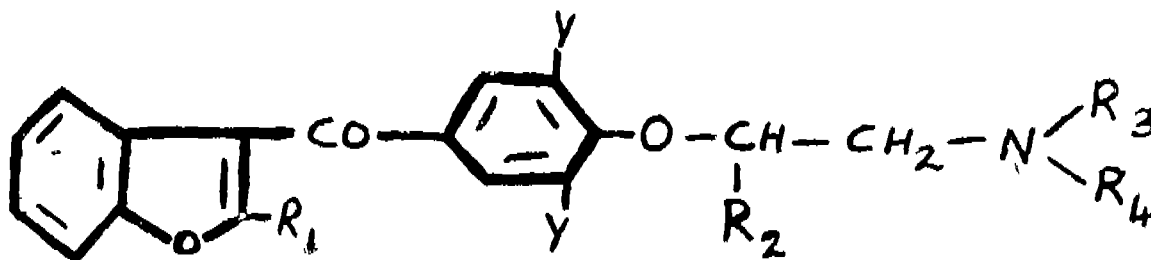
135990. (1290/Cal/73). Ante-dated to August 18, 1971.

COMPLETE SPECIFICATION ACCEPTED

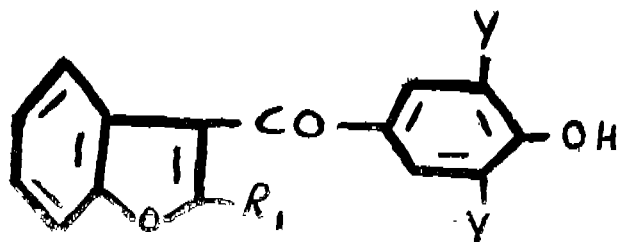
Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice of the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications, together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.



R_1 is a hydrogen atom or a methyl group; R_2 and R_3 are methyl, ethyl or propyl groups or are joined together to form with the nitrogen atom a piperidine pyrrolidino or morpholino group; and Y is a hydrogen, iodine or bromine atom, which method comprises reacting an alkali-metal salt of a benzofuran represented by the general formula



wherein R_1 and Y have the meanings defined above, in

CLASS 32F2a+C & 55E4.

83593.

PROCESS FOR RECOVERY OF HEPARINE.

RICHTER GEDEON VEGYESZETI GYAR RT., OF 63, CSERKESZ UTCA, BUDAPEST X, HUNGARY.

Application No. 83593 filed August 6, 1962.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims—No drawings.

A process for the obtention of heparine from wet acid precipitates containing a raw protein-heparine complex, obtained through acid precipitation, in which these precipitates having pH values of 1.5–5.0 are extracted with a liquid mixture, containing besides water, at least 0.5 per cent of a water-immiscible chlorinated hydrocarbon and at least 7 per cent of an alkali or ammonium halide or nitrate, the heparine containing aqueous solution obtained is isolated in a manner as hereinbefore described, and the heparine is precipitated from this solution by addition of a water-miscible organic solvent such as hereinbefore described

CLASS 32F1+F2b & 55E4.

84972.

METHOD OF PREPARING NEW BENZOFURAN DERIVATIVES.

LABAZ (FORMERLY KNOWN AS LABORATOIRES LABAZ), OF 39, AVENUE PIERRE LER DE SERBIE, PARIS 8E, FRANCE.

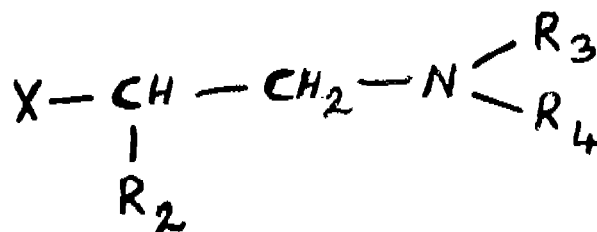
Application No. 84972 filed November 5, 1962.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

Method of preparing a benzofuran derivative represented by the general formula or a pharmaceutically acceptable acid addition salt thereof, wherein R_1 is an alkyl group containing from 1 to 6 carbon atoms;

a solvent immiscible with water with an N-substituted alkylamine- β -halide of the general formula wherein



R_2 , R_3 and R_4 have the meanings defined above and X is a halogen atom, to obtain the desired product in the form of the base which, if desired, is converted into a corresponding pharmaceutically acceptable acid addition salt thereof by any of the methods known *per se*.

CLASS 32F1.

105114.

PROCESS FOR PREPARING NEW SALTS OF PARA-CHLOROPHENOXYISOBUTYRIC ACID.

VIFOR S. A. (FORMERLY KNOWN AS LABORATORIES VIFOR S. A.), OF 48, ROUTE DE DRIZE, 1228 PLAN-LES-OUATES, CANTON OF GENEVA, SWITZERLAND.

Application No. 105114 filed May 3, 1966.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

Process for preparing new salts of para-chlorophenoxyisobutyric acid, characterized by reacting, in an aqueous medium, para-chlorophenoxyisobutyric acid or an alkaline metal or ammonium salt of this acid with a salt or a hydroxide of a metal chosen in the group of metals comprising the aluminium, the bismuth and the magnesium.

CLASS 32F1.

110300.

PROCESS FOR PRODUCING NEW HALOGENATED 5-NITROIMIDAZOLE DERIVATIVES.

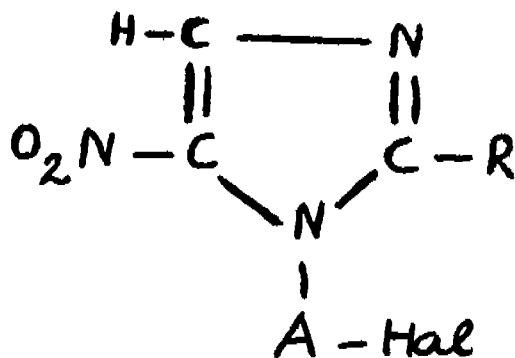
KRKA TOVARNA ZDRAVIL, OF CESTA KOMANDANTA STANETA ST. 19, NOVE MESTO, YUGOSLAVIA.

Application No. 110300 filed April 20, 1967.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

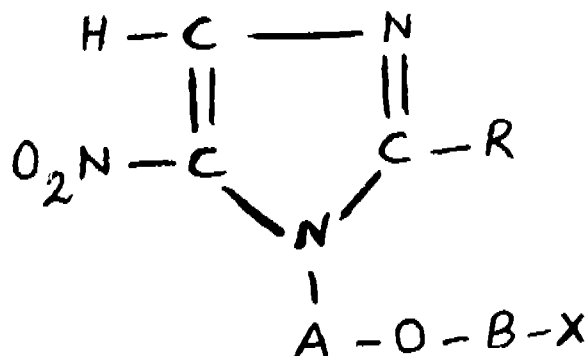
Process for producing new halogenated 5-nitroimidazole derivatives of the general formula



wherein

R is hydrogen atom, alkyl or aryl radical,

A is bivalent aliphatic hydrocarbon radical, and Hal is chlorine, bromine or iodine atom, characterized in that in the compounds of the general formula



wherein

A and B have the meanings as above, and

B is bivalent aliphatic hydrocarbon radical and

X is hydrogen atom, halogen atom, nitro group, sulphuric acid group, sulphonic acid group or hydroxyl group,

the ether bond is cleaved with hydrogen halide acids or with iodine in the presence of alkaline or alkaline earth boron hydrides.

CLASS 32F2a.

110722.

A PROCESS FOR THE PREPARATION OF L-(-)- α -METHYL- β -3, 4-DIHYDROXYPHENYL)-ALANINE.

C. F. BOEHRINGER & SOEHNE GMBH, OF MANNHEIM-WALDHOF, FEDERAL REPUBLIC OF GERMANY.

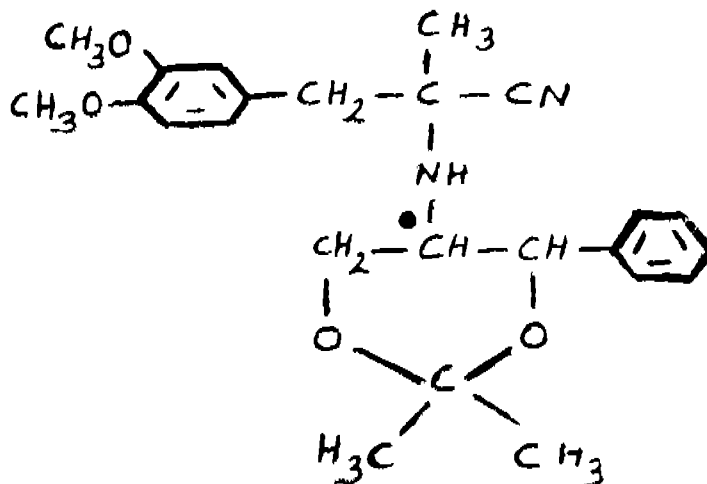
Application No. 110722 filed May 19, 1967.

Convention date March 23, 1967 (13628/67) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

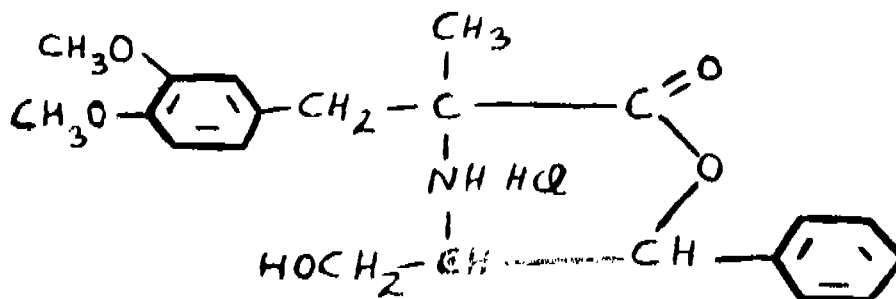
6 Claims.

Process for the preparation of L-(-)- α -methyl- β -(3, 4-dihydroxyphenyl)-alanine, wherein 3, 4-dimethoxyphenyl-acetone is reacted with an alkali metal cyanide and L-(+)-threo-2, 2-dimethyl-4-phenyl-5-amino-1, 3-dioxan to give an optically-active amino-nitrile of the formula 6 this dioxan derivative then sponified with



concentrated hydrochloric acid to give a lactone hydro-

chloride of the formula which is then split either with



alkaline hydrogen peroxide or with Raney nickel to give L-(-)- α -Methyl- β -(3, 4-dimethoxyphenyl)-alanine which is finally demethylated with hydrobromic acid to give L-(-)- α -methyl- β -(3, 4-dihydroxyphenyl)-alanine.

CLASS 32F2a.

117459.

PROCESS FOR THE PRODUCTION OF COUMARIN DERIVATIVES.

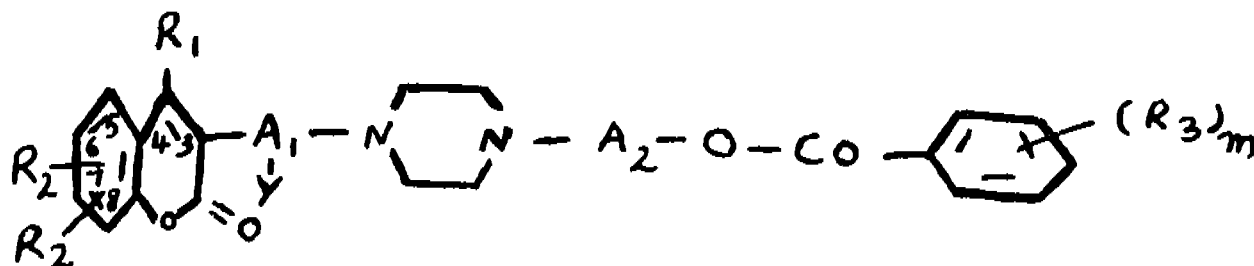
CASSELLA FARBWERKE MAINKUR AKTIEN-GESELLSCHAFT OF 6 FRANKFURT (MAIN)-FECHENHEIN, WEST GERMANY, HANAUER LANDSTRASSE 526.

Application No. 117459 filed August 27, 1968.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

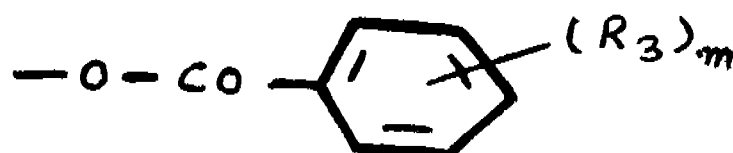
7 Claims.

Process for the production of coumarin derivatives of the general formula shown in Fig.



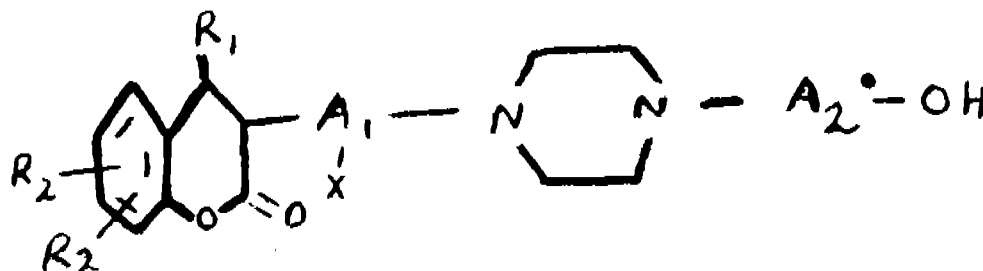
wherein R_1 means hydrogen, lower alkyl radicals having 1 to 4 carbon atoms or aryl, R_2 stands for 6, 7- or 8-positioned alkoxy, R_3 represents alkoxy, m is the integer 1, 2 or 3, A_1 is a straight or branched alkylene

radical having 2-3, carbon atoms, A_2 is a straight or branched alkylene radical having 2-4, carbon atoms, and Y stands for hydrogen, a hydroxy group or for the residue of formula shown in Fig. 2.



which comprises acylating, possibly in the presence of an acid-binding agent, coumarin

derivatives of the general formula shown in Fig. 3. wherein X stands for hydrogen or a hydroxy group, with



an alkoxy benzoic acid of the general formula shown in Fig. 4



or with a functional derivative thereof.

CLASS 32F2b.

128099.

METHOD OF PRODUCING DIETHYL CARBAMINOYLPIPERAZINE.

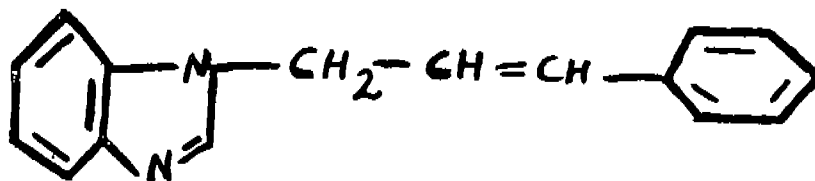
ORDENA TRUDOVOGO KRASNOGO ZNAMENI KHIMIKOFARMATSEVTICHESKY ZAVOD, "AKRIKHIN", OF MOSKOVSKAYA OBLAST, NOGINSKY RAION, P/O KUPAVNA, USSR.

Application No. 128099 filed August 19, 1970.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

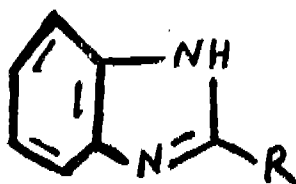
6 Claims—No drawings.

A method of producing diethylcarbaminoethylpiperazine which comprises reacting diethylcarbaminoethylchloride with piperazine followed by isolation of the product characterized in that piperazine is used in quantities in excess than that required stoichiometrically and wherein the reaction is carried out, in an alcoholic medium in the presence of an alkaline agent.

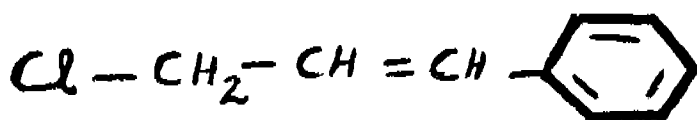


in which R represents :

- an alkyl radical having 1 to 3 carbon atoms, optionally substituted by a hydroxy radical;
- a phenyl ring substituted by at least one alkoxy radical or at least one halogen atom;
- a benzyl radical, disubstituted in the benzene ring by a halogen atom and an alkoxy group; or
- a radical of the formula: $-\text{CH}_2-\text{N} \begin{smallmatrix} \diagup \\ \diagdown \end{smallmatrix}$ in which the $-\text{N} \begin{smallmatrix} \diagup \\ \diagdown \end{smallmatrix}$ group represents a dialkylamino radical, in which the two alkyl radicals are identical, or a heterocyclic radical selected from piperidino, morpholino and pyrrolidino, comprising reacting a 2-substituted benzimidazole of the gene-



ral formula 13 with cinnamyl chloride of formula 14



in the presence of sodium hydride in dimethylformamide as solvent, R having the same signification as in formula (I).

CLASS 32F2a & 55E4.

132182.

PROCESS FOR PREPARING A SALT OF AMINO-ADAMANTANE.

EGYPT GYOGYSZERVEGYESZETI GYAR, OF 30, KERESZTURI U., BUDAPEST X, HUNGARY.

Application No. 132182 filed July 21, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims—No drawings.

A process for preparing a salt of aminoadamantane, characterized in that aminoadamantane is reacted in a solvent with an acid selected from the group consisting of α -mercaptoacetic acid, α -mercaptopropionic acid and β -mercaptopropionic acid.

CLASS 32F1+F2b.

133723.

PROCESS FOR THE PREPARATION OF NOVEL DERIVATIVES OF 1-CINNAMYL BENZIMIDAZOLE.

DELANDE S.A., OF 32, RUE HENRI-REGNAULT COURBEVOIE, HAUTS-DE-SEINE, FRANCE.

Application No. 133723 filed November 24, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

Process for the preparation of 2-substituted derivatives of 1-cinnamyl benzimidazole of the general formula 12

CLASS 39N & 62A3.

134255.

COMPOSITIONS CONTAINING DITHIONITES.

ALBRIGHT & WILSON LIMITED, OF OLDBURY, NEAR BIRMINGHAM. WARWICKSHIRE, ENGLAND.

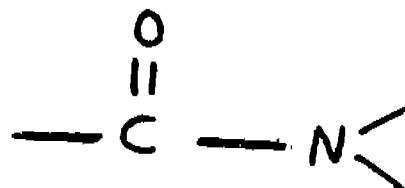
Application No. 134255 filed January 12, 1972.

Convention date January 14, 1971 (1930/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

31 Claims.

A substantially anhydrous composition comprising at least 50% by weight of a metallic dithionite and a nonsurfactant (as hereinbefore defined) non polymeric compound containing at least 5 carbon atoms which comprises at least one group of the structure shown in Fig. 15.



wherein the unsatisfied valencies are filled by oxygen, hydrogen or carbon atoms.

CLASS 25A+B+C+D.

134714.

MANUFACTURE OF REFRACTORY AND NON-REFRACTORY ARTICLES WITH THE USE OF NEW BONDING AGENTS.

ORISSA CEMENT LIMITED, OF RAJGANGPUR, DIST.-SUNDARGARH, ORISSA, INDIA.

Application No. 134714 filed February 22, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims—No drawings.

A. process for the manufacture of refractory and non-refractory articles as hereinbefore defined with the use of a new bonding agent which comprises adding bonding agents consisting of acetic acid, sodium acetate, ammonium acetate, citric acid, tartaric acid and the alkali salts of tartaric acid, either singly or in any combination thereof, to a material containing calcined magnesite or magnesia, with or without water, optionally moulding or ramming the wet mixture followed by drying or curing.

CLASS 119-B.

134769.

A TEMPLE CUTTER FOR AUTOMATIC LOOM.

BURJOR RUSTOMJI UNWALLA, NASSERWANJII TATA BUILDING NO. 2, 3RD FLOOR, FLAT NO. 11, TATA BLOCKS, BANDRA, BOMBAY 50.

Application No. 134769 filed February 28, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

4 Claims.

A temple cutter for an automatic loom comprising of a steady sharp steel blade fixed between a clamp comprising blade holder base plate and blade holder top plate, the blade being held at an angle by means of said clamp screwed on the temple holder and the blade having a metal yarn guide over it, the arrangement being such that in the event of the ends at first passing under the guide and later falling on the blade it would result in shearing of these ends smoothly.

CLASS 27-O.

134984.

IMPROVEMENTS IN OR RELATING TO PANEL WALL SYSTEMS.

BEAZLEY HOMES LIMITED, OF HULL ROAD, MOUNT MAUNGANUI, NEW ZEALAND.

Application No. 134984 filed March 18, 1972.

Convention date March 18, 1971 (163125/71) New Zealand.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

35 Claims.

A method of preparing a panel wall for erection, said method including the steps of preparing a base plate for a wall, providing panel engaging means at intervals along the length of the base plate and providing panels having base plate engaging means thereon such that when the coacting engaging means are installed by means of temporary distortion against resilience thereof of said base plate engaging means on said panel or said base plate or both, said panel engaging means engage said base engaging means, such that each panel is fixed relative to the base plate so that the spacing between panels is automatically fixed by the intervals between the panel engaging means and the position of each panel on erection is also automatically fixed,

CLASS 32E & 155F1.

134988.

PROCESS FOR THE PREPARATION OF HIGH MOLECULAR WEIGHT POLY (PHOSPHAZENE) COPOLYMERS.

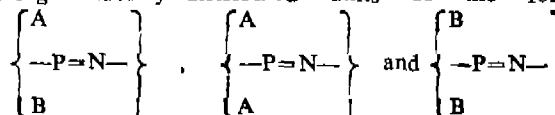
HORIZONS RESEARCH INCORPORATED, OF 23800 MERCANTILE ROAD, CLEVELAND, OHIO, U.S.A.

Application No. 134988 filed March 18, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims—No drawings.

A process for the preparation of a high molecular weight poly (phosphazene) copolymer having randomly distributed units of the formula



wherein A represents a monovalent radical selected from the group consisting of $\text{F}(\text{CF}_2)_p\text{CH}_2\text{O}-$ and $\text{H}(\text{CF}_2)_p\text{CH}_2\text{O}-$ and p is an integer from 1 to 9 and wherein B represents a monovalent radical selected from the group consisting of $\text{RC}_2\text{H}_4\text{O}-$ and $\text{RZC}_2\text{H}_4\text{O}-$ wherein R is selected from the group consisting of $\text{H}(\text{CH}_2)_q$ and $\text{F}(\text{CF}_2)_q$ in which q is 0 to 5 and Z represents a divalent member of the group consisting of $-\text{CH}_2-$, $-\text{O}-$, $-\text{NH}-$, and $-\text{NR}'-$ wherein R' is a monovalent radical selected from the group consisting of $\text{H}(\text{CH}_2)_q-$ and $\text{F}(\text{CF}_2)_q-$ in which q is 0 to 5 and the ratio of A : B is between 1 : 9 and 3 : 1, which comprises reacting a mixture of at least two different alkali metal salts, namely an alkali metal salt of a fluoroalkoxide and an alkali metal salt of an aryloxy with linear soluble $[\text{PNCl}_2]_x$ polymer wherein X is between 50 and 50,000.

CLASS 161—D.

135036.

METHOD OF PRODUCING PAVEMENT-LIKE SITES.

JACK BLACKBURN, OF 215, FERNSIDE AVENUE, ALMONDBURY, HUDDERSFIELD, YORKSHIRE, ENGLAND.

Application No. 135036 filed March 23, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

A method of producing a pavement-like site (as herein stated) composed of areas of one character generally surrounded by areas of another character; said method comprising providing a shaped former having a plurality of peaks interconnected and spaced apart by support means, placing said former onto a base of soil, concrete, hardcore or the like so that the peaks form a barrier between first and second material-reception spaces with only the first space being directly accessible from the upperside of the former, introducing a first site material into said first space from the upperside of the former with the former in position and at least partly filling the second space with a second site material either by placing the second site material onto the base prior to the placement of the former or forming the base at least partly from the second site material and by impressing the former into the second site material and/or by removing selected parts of the former to expose the second space and allow the introduction of the second site material therein or to expose the second site material previously placed onto the base with the former retained in the site; or by removing the former when the first site material is self-supporting and introducing the second site material into the resultant voids therein.

CLASS 136E.

135054.

A METHOD AND DEVICE FOR DEFORMING HOLLOW SECTIONS.

INDUSTRIELE ONDERNEMING WAVIN N. V.,
251, HANDELLAAN, ZWOLLE, THE NETHER-
LANDS.

Application No. 135054 filed March 25, 1972.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A method of forming grooves in hollow sections made of thermoplastic material by surrounding the section with a hollow mold 25, 25a having one or more recesses, disposing two rings 36 of deformable material axially spaced from each other into said section, each ring being sealingly movable in an annular chamber 30, 30' the outer circumference of the chamber 30, 30' being substantially equal to the smaller inner diameter of the section, pressing the rings against the inner side of the section, the outer circumference of the ring 36 in undeformed free condition being substantially equal to the inner circumference of the section part facing the ring, introducing a pressure fluid into the space 37 comprised between said two annular chambers 30, 30' and maintaining said pressure until the section has attained the inner contours of the mold, whereafter the section is cooled below the plastic deformation temperature, followed by removal of the die and retracting the rings 36, 36' from the plastic section.

CLASS 32F1.

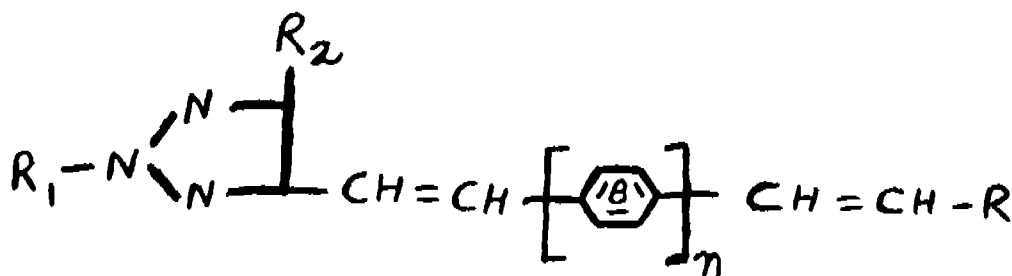
135154.

PROCESS FOR THE PRODUCTION OF DICHLOROQUINACRIDONES.

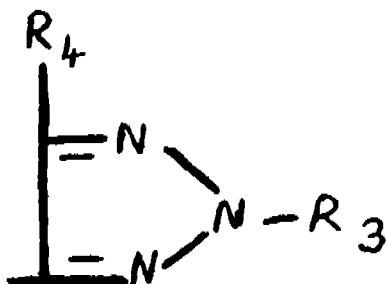
SANDOZ LTD., OF LICHTSTRASSE 35, BASLE,
SWITZERLAND.

Application No. 135154 filed April 4, 1972.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.



mono—or bi-nuclear aryl radical, or a radical of formula.



R_1 and R_2 which may be the same or different, each

3 Claims—No drawings.

A process for the production of a mixture of 3, 10-, 1, 10 and 1, 8-dichloroquinacridones comprising cyclising 2, 5-di-(3'-chlorophenylamino)-terephthalic acid with 75–90% sulphuric acid at a temperature of from 100° to 170°C.

CLASS 206E.

135247.

AN IMPROVED INTEGRATED CIRCUIT DEVICE.

RCA CORPORATION, OF 30 ROCKEFELLER
PLAZA, NEW YORK, NEW YORK, 10020, U.S.A.

Application No. 135247 filed April 12, 1972.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

An improved integrated circuit device of the type which includes both a P channel insulated gate field effect transistor and an N channel insulated gate field effect transistor, each insulated gate field effect transistor having a gate electrode characterized by the material of the gate electrode of the P channel insulated gate field effect transistor being predominantly one element or alloy and the material of the gate electrode of the N channel insulated gate field effect transistor being predominantly an element or alloy different from that of the P channel insulated gate field effect transistors.

CLASS 32F1+F2b.

135253.

PROCESS FOR THE PREPARATION OF TRIAZO-
LYL—ETHENYL—PHENYLENE DERIVATIVES.

SANDOZ LTD., OF LICHTSTRASSE 35, BASLE,
SWITZERLAND.

Application No. 135253 filed April 12, 1972.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

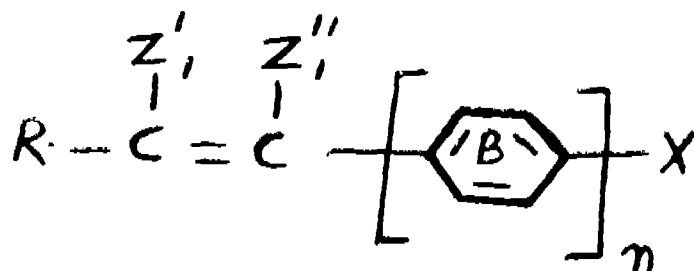
23 Claims.

A process for the production of a compound of formula in which R signifies a substituted or unsubstituted

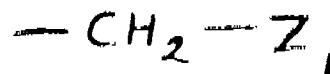
signifies a substituted or unsubstituted alkyl radical of 1 to 6 carbon atoms or mono—or bi-nuclear aryl radical, R_2 and R_4 , which may be the same or different, each signifies a hydrogen or chlorine atom, a substituted or unsubstituted alkyl radical of 1 to 6 carbon atoms, or a group —CN, —CONH R_5 , —COOR $_5$, in which R_5 signifies a hydrogen atom or an unsubstituted or substituted alkyl radical of 1 to 6 carbon atoms, or —NH—CO— R_6 , in which R_6 signifies a substituted or unsubstituted alkyl radical of 1 to 6 carbon atoms, n signifies 1 to 6, and

the ring(s) B may be unsubstituted or substituted, provided that n signifies other than 1, when R signifies a

radical of formula II shown in the drawings characterised by reacting an appropriate compound of formula

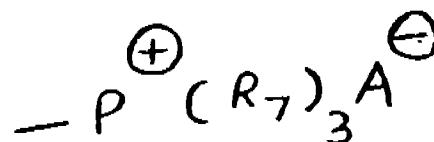
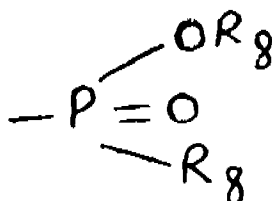
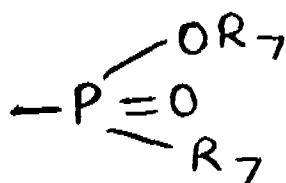
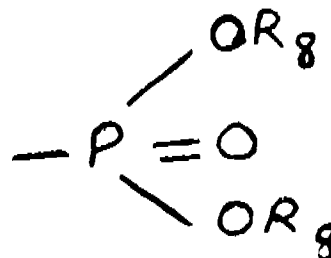
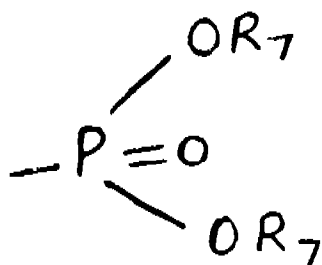


X signifies a group $-\text{CHO}$ or a functional derivative thereof, or a radical of formula



in which R, n and the ring(s) B are as defined above,

wherein Z_1 signifies a hydrogen atom, a carboxy group, a substituted or unsubstituted carboxylic ester or amido group or a group of formula



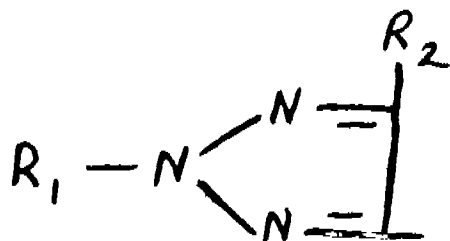
in which

R_7 signifies a substituted or unsubstituted aryl radical, R_8 signifies a substituted or unsubstituted alkyl radical of 1 to 6 carbon atoms, or an unsubstituted or substituted cycloalkyl radical, and A^- signifies a monovalent anion, and

one of Z_1 and Z_2 signifies a hydrogen atom and the other signifies a hydrogen atom, a carboxy group, or a substituted or unsubstituted carboxylic ester or amido group, with a compound of formula X



in which R' signifies, when R signifies a substituted or unsubstituted mono- or bi-nuclear aryl radical, radical of formula



wherein

R_1 and R_2 are as defined above; or, when R signifies a radical of formula II shown in the drawings, a substituted or unsubstituted mono- or bi-nuclear aryl radical, or a radical of formula XI shown in the drawings, and Y signifies, when X signifies a group $-\text{CHO}$ or a functional derivative thereof, radical of formula IV as defined above, or, when X signifies a

radical of formula IV as defined above, a group $-\text{CHO}$ or a functional derivative thereof,

and, where required and when Z_1 signifies a carboxy group or a substituted or unsubstituted carboxylic ester or amido group, converting into a hydrogen atom by a conventional method any such Z_1 and any Z_1' or Z_1'' , not being a hydrogen atom, in the resulting product.

CLASS 55E2.

135277.

PROCESS FOR PREPARATION OF AN INSECT & LEECHREPELLENT COMPOSITION IN THE FORM OF EMULSION.

CHIEF SCIENTISTS, RESEARCH & DEVELOPMENT ORGANISATION, MINISTRY OF DEFENCE, GOVERNMENT OF INDIA, NEW DELHI (INDIA).

Application No. 135277 filed April 13, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims—No drawings.

Process for preparation of an insect and leech repellent composition in the form of emulsion comprising treating stearic acid and boric acid in presence of water with alkalies like sodium hydroxide and potassium hydroxide and thereafter adding to the obtained product a leech and insect repellent compounds consisting of mixture of ortho, meta; and para $-\text{N},\text{N}'$ Diethyl toluamide and $-\text{N},\text{N}'$ —Diethyl benzamides, wherein the said leech and repellent compounds being present in an amount upto 25% by weight of the total composition.

CLASS 134—B.

135984.

MULTI-RATIO TRANSMISSION AND CONTROLS THEREFOR.

MASSEY-FERGUSON INC., OF 12601 SOUTH-FIELD ROAD, DETROIT, MICHIGAN 48223, U.S.A.

Application No. 77/72 filed April 28, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

A speed change transmission system for a tractor comprising a first multi-speed gear transmission and a second planetary gear transmission in series with the first transmission comprising a single planetary have a planet carrier provided with planet pinions of the two-diameter cluster type, ring gear means and sun gear means, one of said gear means including a pair of gears each being engaged with one of the pinions of the planet cluster, selectively engageable brakes for locking either of said pair of gears for planetary drive, a selectively engageable clutch for locking up the planetary, an input member connected to the other gear means, an output member, and function selector means for selectively engaging said output member with one of said pair of gears to provide forward and reverse drive through the

planetary by selective operation of the brakes and clutch or for engaging said output member with the carrier to provide three speed forward drive through the planetary by selective operation of the brakes and clutch.

CLASS 32F1 + F2a.

135985.

PROCESS FOR THE PREPARATION OF 2-P-NITRO—OR P-CHLOROBENZAMIDOACETOHY—DROXAMIC ACID.

MORTON—NORWICH PRODUCTS, INC., AT 17 EATON AVENUE, NORWICH, NEW YORK 13815, U.S.A.

Application No. 144/72 filed May 6, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

The process for preparing a compound of the formula —I.



wherein R is nitro or chloro which comprises reacting a compound of the formula II.



wherein R is as aforesaid with hydroxylamine.

CLASS 171.

135986.

IMPROVEMENTS IN OR RELATING TO GOGGLE OR SPECTACLE FRAME.

(1)INDER SINGH, (2) JOGINDER SINGH, (3) JAGTAR SINGH, (4) MANMOHAN SINGH AND (5) MOHINDER SINGH AT INSIDE GILWALI GATE, AMRITSAR, PUNJAB, INDIA.

Application No. 51/Cal/73 filed January 6, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

An improved method of hinging relating to the side arms of a goggle or spectacle frame, characterised in that a small metallic piece having round edge with a hole at one side and having a flat end with two collars at the other side is punched and cut out from a metallic sheet, the said flat side of the piece with the two collars is then fitted in a rectangular hole provided in the side arm and the small metallic piece is then soldered with the side arm and substantially acts as an integral part of the side arm.

CLASS 35B+C.

135987.

METHOD OF SINTERING FERRUGINOUS CALCIUM ALUMINATE RAW MIXES.

UNITED STATES STEEL CORPORATION, AT 525 WILLIAM PENN PLACE, AND ALSO AT 600 GRANT STREET, PITTSBURGH, STATE OF PENNSYLVANIA, U.S.A.

Application No. 2226/Cal/73 filed October 8, 1973.

Division of Application No. 132192 filed July 21, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims—No drawings

In the method of sintering ferruginous calcium aluminate raw mixes, the improvement which comprises adding SO_3 in the form of CaSO_4 to the raw mix to broaden its sintering range.

CLASS 195E+G.

135988.

IMPROVEMENTS IN VALVES FOR FLUIDS.

SPERRY RAND CORPORATION, OF CROOKS AND MAPLE ROADS, TROY, STATE OF MICHIGAN 48084, U.S.A.

Application No. 91/72 filed May 1, 1972.

Convention date December 10, 1971 (129891/71) Canada.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A directional valve comprising a main body, a main spool slidable in the main body, the main body and the main spool having cooperating ports and grooves, respectively, to direct fluid flow forwardly and reversely and to terminate flow to and from a work device, a centering spring assembly for the main spool, the main spool being provided with an actuating piston having large and small effective areas on its opposing faces, a pilot valve for admitting and releasing pressure fluid to and from the large area side of the actuating piston, and an auxiliary valve normally inoperative and responsive to overtravel of the pilot valve for admitting pressure fluid trapped in the work device by the main spool to the actuating piston to displace the main spool in a direction to release the trapped fluid in the event of failure of the main spool to shift when the pilot valve alone is shifted.

CLASS 6-A2 & 80-K.

135989.

A FILTERING APPARATUS HAVING AN INTEGRALLY REMOVABLE FILTER CARTRIDGE.

HUBERT SAMUEL OGDEN, OF 4214 SANTA MONICA BOULEVARD, LOS ANGELES, CALIFORNIA 90029, U.S.A.

Application No. 1953/72 filed November 21, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

An apparatus for filtering foreign matter and other contaminants from liquids or gases comprising :

a pair of external housing members interconnected to form a first cavity;

a filter cartridge having a unitary housing positioned within said first cavity, said cartridge housing forming a second cavity for receiving a filter assembly comprising a filter media through which the liquid or gases are adapted to pass, said cartridge housing being removable as a unit from said first cavity after said external housing members have been separated.

CLASS 71B+D.

135990.

EARTH MOVING VEHICLE.

M-R-S MANUFACTURING COMPANY, OF FLORA, MISSISSIPPI 39071, U.S.A.

Application No. 1290/Cal/73 filed June 1, 1973.

Division of Application No. 132570 filed August 18, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A vehicle for transporting earth or other similar material including a scraper bowl construction having an open forward end portion through which material is loaded, and comprising; a pair of spaced side walls, a rear wall disposed intermediate said side walls to close the rearward end portion of said bowl; and a base wall arrangement for supporting said material, said base wall arrangement including, first and second panel members, means hingedly connecting said panel members together along adjacent edges thereof, with the distal edge of said first panel member being disposed rearwardly toward said rear wall with relation to the distal edge of said second panel member, when said base wall is in a closed condition, such that said panel members provide flat surfaces for supporting material in said bowl, means slidably connecting said first and second panels to track means associated with said side walls; and operating means for moving said panels from the closed condition wherein said slidably connected edges of said panels are moved toward each other along said track means while the hingedly connected edges of said panels move upwardly to provide dumping openings on opposite sides of said panels when in the open condition.

CLASS 32F2b & 152E.

135991.

PROCESS FOR PREPARATION OF PIPERIDINE DERIVATIVES.

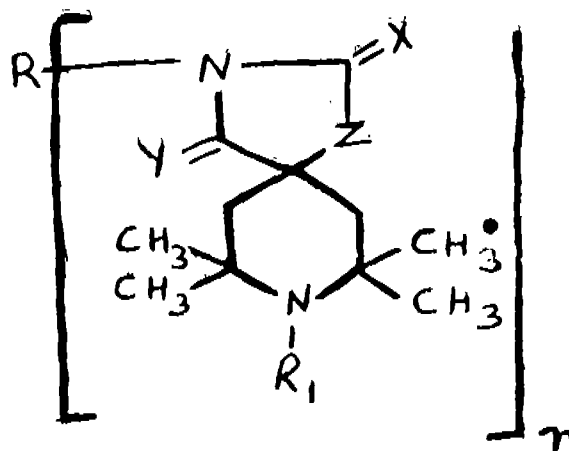
SANKYO COMPANY LIMITED, OF 1-6, 3 CHOME, NIHONBASHI HONCHO, CHUO KU, JAPAN.

Application No. 418/72 filed June 5, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A process for preparing a compound having the formula



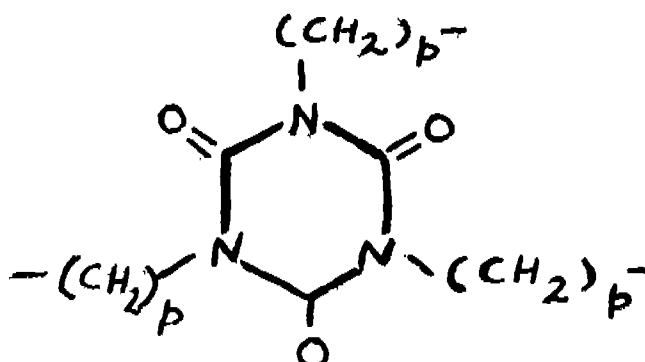
wherein R_1 —represents an alkyl group, allyl group, 2-propynyl group, a cyanoalkyl group, an epoxyalkyl group, an aralkyl group, an acyl group or nitroso group,

X and Y —represent an oxygen or sulfur atom,
 Z —represents an oxygen atom or the group—NH—,
 n is an integer of 1 through 4 inclusive, and
 R —represents,

when n is 1, an alkyl group, a substituted alkyl group, an aryl group, a substituted aryl group, a cycloalkyl group, an alkoxy-carbonyl group, a substituted alkoxy-carbonyl group, a substituted phosphino group or a substituted phosphinyl group,

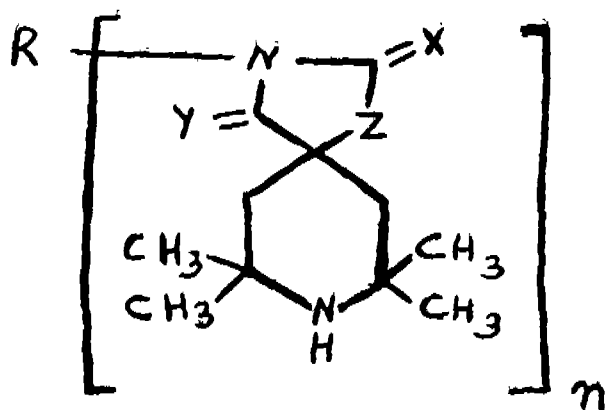
when n is 2, an alkylene group, an alkenylene group, an arylene group, substituted arylene group, an aralkylene group, an alkylenedi-phenylene group, a bis-(acyloxy-alkylene) group, an alkylene-bis-(oxycarbonylalkyl) group, a dialkylene ether group or a diphenylene ether group,

when n is 3, an alkanetriyl group, a tris-(acyloxyalkylene) group, an alkanetris-(oxycarbonylalkyl) group or a group of the formula 2



in which p is an integer of 1 through 8 inclusive, p 's being optionally the same or different, and when n is 4, an alkanetetrayl group, a tetrakis (acyloxyalkylene) group

or an alkane-tetrakis (oxycarbonylalkyl) group, characterised in that a compound having the formula (18)



is reacted, by heating in the presence or absence of a base, with a halide of formula



to produce a compound of formula 1. R' , R , X , Y , Z and n in the above formulae having the meanings given under formula 1 and X_1 representing a halogen atom

CLASS 143-D5.

135992.

PACKAGING.

IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON, S.W.1., ENGLAND.

Application No. 465/72 filed June 8, 1972.

Convention date June 9, 1971 (19670/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

Packaging comprising pile surfaced sheet material having a foundation sheet at least one of the surfaces of which carries a pile having a plurality of fibres or fibrils of synthetic polymeric material laminate to a second sheet with the fibres or fibrils being sandwiched between the foundation sheet and the second sheet, at least the synthetic polymeric material or the face of the second sheet against the fibres or fibrils being, a thermoplastic polymer and the foundation sheet being backed to the second sheet by heat softening of the thermoplastic polymer.

CLASS 14C, 33A & 126D.

135993.

TEMPERATURE-SENSING DEVICE FOR CONTINUOUS CASTING MOLDS.

USS ENGINEERS AND CONSULTANTS, INC., OF 600 GRANT STREET, PITTSBURGH, STATE OF PENNSYLVANIA, U.S.A.

Application No. 668/72 filed June 26, 1972.

Addition to No. 133560.

Appropriate office for opposition proceedings (Rule 4, Patents, 1972) Patent Office, Calcutta.

4 Claims.

An improved temperature-sensing device in combination with a continuous casting mold formed by spaced inner and outer metallic walls forming a passage for cooling water, said device comprising a probe located in a tubular housing having a water-tight mounting in the outer wall, said probe extending through the cooling water and having a point maintained in metallic contact with the inner wall by means of a compression spring located in the tubular housing and urging the point into

metallic contact with the inner wall, the probe being electrically insulated from said outer wall and being dissimilar to the metal of said inner wall whereby a measurable voltage indicative of the temperature of liquid metal contacting the inner wall is created for a measuring circuit connected to the probe, the improvement being characterized in that sealing means are provided in a counterbore of the end of the tubular housing facing the cooling water passage to prevent water from reaching said spring.

CLASS 204.

135994.

AN ADJUSTABLE FORCE BALANCE INSTRUMENT

SYBRON CORPORATION, OF 1100 MIDTOWN TOWER, ROCHESTER, NEW YORK 14614, U.S.A.

Application No. 130/Cal/73 filed January 17, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents, 1972) Patent Office, Calcutta.

9 Claims.

In an adjustable force balance instrument having an instrument body, an adjustable fulcrum support carried by the body, a fulcrum fixed to the support, a lever pivoted on the fulcrum wherein a force applied to one end of the lever is balanced by a force at the other end, the improvement being means to ground the fulcrum against the body of the instrument comprising a spring member between said fulcrum support and said instrument body exerting a force directly on said fulcrum support, for urging the same in a direction normal to the direction of adjustment and against said instrument body.

CLASS 90-C.

135995.

IMPROVEMENTS IN OR RELATING TO THE MANUFACTURE OF FLAT GLASS.

PILKINGTON BROTHERS LIMITED, OF 201-211 MARTINS BUILDING, WATER STREET, LIVERPOOL, L2 3SR, LANCASHIRE, ENGLAND.

Application No. 1270/72 filed August 28, 1972.

Convention date September 16, 1971 (43269/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents, 1972) Patent Office, Calcutta.

37 Claims.

A method of manufacturing flat glass comprising pouring molten glass at a controlled rate on to a bath of molten metal to form a pool of molten glass on the bath, controlling forward flow of molten glass from the pool by means of a solid member extending across the downstream end of the pool and wetted by the molten glass, heating the glass in the region of that member further to regulate that forward flow, drawing a ribbon of glass along the bath by accelerating the forward flow by traction applied to the glass ribbon acting against reaction forces distributed across the ribbon width and created by wetting of the glass on to the member, and stabilising the dimensions of the ribbon as it is drawn along the bath away from the solid member.

CLASS 154—A+D.

135996.

FOLDING PLATE CYLINDER FOR ROTARY FOLDERS.

VEB POLYGRAPH LEIPZIG, KOMBINAT FÜR POLYGRAPHISCHE MASCHINEN UND AUSTRUSTUNGEN, OF 4 WACHMUTHSTRASSE, 7031 LEIPZIG, EAST GERMANY.

Application No. 779/72 filed July 5, 1972.

Convention date January 20, 1972 (2773/72) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents, 1972) Patent Office, Calcutta.

8 Claims.

A folding plate cylinder assembly comprising a pair of mutually co-operating folding plates for folding sheet material, at least one folding plate of the or each pair being so retained against a support mounted on the cylinder by resilient means as to be pivotable about an edge of the support against restoring force of the resilient means.

CLASS 172B. 135997.

IMPROVED COMPOSITE SPINNING.

EMILIAN BOBKOWICZ AND DR. ANDREW JOHN BOBKOWICZ, BOTH OF 1435 ST. ALEXANDER ST., RM. 310 MONTREAL 111, QUEBEC, CANADA.

Application No. 201/72 filed May 15, 1972.

Convention date August 26, 1971 (121459/71) Canada.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

29 Claims.

Apparatus for the manufacture of composite spun yarn comprising means for supplying a polymer substrate downwardly into the nip of a pair of rotatable rollers positioned face to face, means for rotating said rollers against each other, means for continuously supplying fibrous material at least onto one of said rollers, and means for transforming the polymer substrate and the fibrous material in contact with each other into spun yarn, characterized in that said means for supplying the polymer substrate comprise at least one die and nozzle arrangement adapted to project the polymer substrate towards the nip of said rotatable rollers in the form of a tubulus, spray or bubble.

CLASS 24-F & 127-A. 135998.

TORQUE LIMITING DEVICE

THE WELLMAN BIBBY COMPANY LIMITED OF PARNELL HOUSE, WILTON ROAD, LONDON, S.W.1., ENGLAND.

Application No. 1547/72 filed September 30, 1972.

Convention date September 30, 1971 (45555/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

A torque limiting device comprising first and second coaxial torque members, a rolling element seated in a seating in the first torque member in the engaged position of the device, and located in an aperture in the second torque member, the rolling element being held in its seating by a cam surface on a locking member and, on overload of the device, being movable in the aperture, out of the seating by moving the locking member in the circumferential direction against a resilient bias.

CLASS 48A2. 135999.

METHOD FOR MANUFACTURING A WIRE CONDUCTOR.

NKF KABEL N. V., OF POSTBUS 26, DELFT, THE NETHERLANDS.

Application No. 637/72 filed June 21, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

Method for manufacturing a wire conductor with a balloon insulation in which the straight conductor is enclosed in a generally cylindrical insulating sheath, which

at regular intervals is constricted and at the constrictions engages the conductor, characterized in that the conductor (52) together with the insulating sheath (51) in soft condition is passed between two identical rotating wheels (54, 55) provided with radial blades (56, 57), the cooperating pairs of blades of said wheels at the ends are provided with apertures (58, 59) which together define the cross-section of the constrictions (53) of the insulating sheath (51).

CLASS 163-B3. 136000.

ROTARY SLIDING VANE PUMP.

C. A. V. LIMITED, OF WELL STREET, BIRMINGHAM 19, ENGLAND.

Application No. 1067/72 filed August 3, 1972.

Convention date August 7, 1971 (37232/71) U. K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A rotary sliding vane or blade pump of the kind comprising in combination a pumping chamber having a substantially cylindrical internal peripheral surface and end walls, a rotor located in said pumping chamber, said rotor being rotatable about an axis offset from the axis of the pumping chamber, at least a pair of blades slidable within grooves formed in the rotor, an inlet and an outlet port in communication with the pumping chamber and through which liquid passes as the rotor rotates within the pumping chamber, a roller mounted at the end of each blade adjacent the internal peripheral surface of the pumping chamber the roller contacting the surface of the pumping chamber, the axes of the rollers being substantially parallel to the axis of rotation of the rotor.

PATENTS SEALED

79223	82373	84235	91034	101684	101965	102158
112418	114911	118000	128725	129038	129288	130271
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133958	133989	134237	134238	134246	134266	134351
134477	134687	134709	134715	134719	134806	134996
135015	135067	135075	135102	135110	135159	135185
135256	135257	135325	135336	135358	135360	135398
135399	135426	135463	135477	135479	135481	135482
135483	135484	135488	135492	135493	135499	135502
135505	135506	135507	135508	135509	135516	135523
135524	135525	135527	135528	135529	135530	135532
135534	135536	135542	135557	135558	135559	

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

The amendments proposed by American Home Products Corporation, in respect of Patent Application No. 79384 as advertised in Part-III, Section 2 of the Gazette of India dated the 13th April 1974, have been allowed.

(2)

The amendments proposed by Hydrocarbon Research, Inc., in respect of Patent Application No. 126583 as

advertised in Part-III, Section 2 of the Gazette of India dated the 13th April 1974, have been allowed.

(3)

The amendments proposed by Bayer Aktiengesellschaft in respect of Patent Application No. 127716 as advertised in Part-III, Section 2 of the Gazette of India dated the 13th April 1974, have been allowed.

(4)

The amendments proposed by Shell Internationale Research Maatschappij N.V., in respect of Patent Application No. 128511 as advertised in Part-III, Section 2 of the Gazette of India dated the 13th April 1974, have been allowed.

(5)

The amendments proposed by Delhi Cloth & General Mills Co., Ltd., in respect of Patent Application No. 128919 as advertised in Part-III, Section 2 of the Gazette of India, dated the 13th April 1974, have been allowed.

(6)

The amendments proposed by Bayer Aktiengesellschaft in respect of Patent Application 129718 as advertised in Part-III, Section 2 of the Gazette of India dated the 13th April 1974, have been allowed.

(7)

The amendments proposed by Cabot Corporation in respect of Patent Application No. 130831 as advertised in Part-III, Section 2 of the Gazette of India dated the 13th April 1974 have been allowed.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

95424
104526
105490
104524
97004
101162
72264
106325
103216
105491
78016
106820
107439
107440
109604
109904
109905
110812
11085
110878
111928
111957
112185
113473
114169
114419
114558
115204
116762
116841
117404
118033
118569
120117

Secretary, National Research Development Corporation of India.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. & Title of the Invention

- 84826 (29-10-62) A method of treating ores.
- 99221 (27- 4-65) Process for obtaining dextrose crystals.
- 121116 (29- 4-69) 1-Alkoxycarbonyl uracils, process for their preparation and herbicidal composition containing the same.
- 121282 (12- 5-69) Phthalocyanine dyes, process for their manufacture and material dyed or printed with the same.
- 121636 (3- 6-69) Process for the recovery of pure aliphatic mercaptanes from the conversion of corresponding primary aliphatic alcohol and hydrogen sulphide and the products so obtained.
- 122109 (4- 7-69) Process for the dehydration of aralkanols.
- 122426 (24-7-69) A process of polymerizing a diene containing 4 to 6 carbon atoms and a hydrocarbon vinyl aromatic monomer and a process for producing a polymerization catalyst.
- 122608 (4-8-69) 1-Trityl-1, 2, 4-triazoles, process for their preparation and fungicidal compositions containing the same.
- 122667 (7- 8-69) Process for the separation of gaseous mixtures of cyanogen chloride and hydrogen chloride.
- 122685 (8- 8-69) Process for the manufacture of hardners of water-glass cement.
- 122690 (8- 8-69) Fluidized bed treatment of spent pulp digestion liquor.
- 122731 (12-8-69) A method and apparatus for treating solid particles.
- 122748 (13-8-69) Process for lowering the cyclopentadiene-1, 3 content of a stream containing isoprene and cyclopentadiene-1, 3.
- 122988 (1- 9-69) Method of producing cheese.
- 123272 (24-9-69) Water-soluble disazo dyestuffs and their complex metal compounds process for preparing them and process for dyeing or printing fibrous material therewith.
- 123348 (29-9-69) Preparation of silica gels.
- 123424 (4-10-69) Preparation of silica gels.
- 123438 (7-10-68) Process for polymerizing acrylonitrile and films, fibres and filaments produced therefrom.
- 123682 (23-10-69) Method for preparing C₁—C₄ lower diester of bis hydroxy ethyl terephthalate.

123786 (29-10-69) Process for the preparation of tetra-socyanates and adhesives of natural or synthetic rubber containing the same.

RENEWAL FEES PAID.

68749	68866	68869	69108	69144	69169	69221	72655
72656	72740	72741	72859	72866	72892	72901	72930
72940	72942	73014	73024	73067	73400	73947	76035
77072	77075	77077	77914	78055	78080	78135	78136
78191	78221	78517	78568	78631	78678	78818	79126
83575	83579	83618	83713	83752	83753	83911	83993
84012	84094	84169	84184	84207	84459	84460	84537
84643	84838	84856	87397	88784	89235	89267	89577
89723	89801	89921	90139	90453	91131	94604	94915
95025	95026	95037	95052	95057	95068	95109	95125
95137	95149	95150	95216	95217	95242	95279	95284
95425	95524	95565	95567	95612	95655	95689	95690
95720	95742	95843	95855	95869	95870	95933	96156
96157	96446	96534	98903	99956	100568	100725	
100886	100937	100977	101003	101029	101082	101083	
101136	101169	101176	101195	101218	101274	101399	
101511	101532	101566	101622	101652	101797	101798	
101994	101995	101996	101997	101998	101999	102105	
102228	102622	102624	102625	102626	102672	102678	
102872	102934	103374	105990	105998	106334	106446	
106448	106482	106639	106647	106663	106683	106684	
106771	106807	106812	106827	106924	106970	106972	
107136	107210	107211	107279	107282	107350	107384	
108237	108523	108788	110153	110883	111451	111457	
111516	111675	111705	111775	111776	111812	111837	
111873	111877	111907	111927	111947	111949	111958	
111989	112037	112074	112104	112115	112143	112189	
112190	112221	112255	112265	112347	112380	112410	
112548	112896	113198	114069	115373	115374	115619	
116881	116998	117004	117059	117106	117180	117210	
117229	117354	117356	117368	117399	117408	117433	
117435	117436	117437	117451	117583	117775	117839	
117931	118036	118173	118174	118498	119081	119082	
119450	121427	121539	121684	121908	122245	122246	
122292	122582	122601	122639	122643	122685	122686	
122759	122764	122785	122847	122853	122882	122900	
122903	122930	122941	122954	123019	123027	123032	
123067	123171	123191	123212	123215	123243	123261	
123329	123332	123399	123404	123461	123462	123463	
123480	123502	123544	123557	123635	124018	124019	
124099	124182	124183	124184	124185	124186	124210	
124679	126852	127381	127505	127738	127768	127826	
127851	127854	127887	127908	127913	127914	127924	
127960	127963	127967	128000	128033	128036	128039	
128040	128041	128044	128088	128092	128128	128134	
128178	128215	128231	128235	128240	128332	128433	
128449	128478	128479	128494	128540	128597	128605	
128623	128651	128931	128973	129055	129075	129327	
129517	129760	129773	129883	129969	130324	130333	
130723	130751	130775	130811	130864	130895	130918	
130921	130928	130946	130996	131001	131046	131060	
131095	131117	131185	131220	131247	131248	131252	
131253	131264	131400	131420	131429	13451	131486	
131513	131620	131684	131765	131857	131952	131987	
131989	132002	132024	132028	132031	132046	132048	
132124	132179	132205	132253	132292	132391	132427	
132481	132488	132505	132568	132569	132622	132623	
132636	132648	132664	132686	132695	132743	132754	
132784	132854	132864	132884	132921	132930	133053	
133056	133058	133103	133136	133137	133139	133174	
133635	134190	134368	134457	134523			

CESSATION OF PATENTS

105077	105244	105568	105596	105693	105754	106001
106002	106044	106052	106054	106058	106070	106088
106095	106138	106157	106191	106192	106197	106210
106230	106236	106284	106290	106380	106395	106432
106485	106492	106505	106527	106542	106555	106578
106616	106623	106624	106651	106680	106696	106697

106707	106713	106724	106744	106770	106782	106796
106798	106829	106831	106853	106866	113066	123878
124497	125457	125743	125896	130677		

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for restoration of Patent No. 95597 dated the 10th September, 1964 made by Bhupatrai Keshavlal Doshi on the 25th June, 1973 and notified in the Gazette of India Part III, Section 2, dated the 4th August, 1973 has been allowed and the said patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No. 102574 dated the 25th November, 1964 made by CSR Limited (formerly The Colonial Sugar Refining Company Limited) on the 23rd November, 1973 and notified in the Gazette of India, Part III, Section 2 dated the 22nd December, 1973 has been allowed and the said patent restored.

(3)

Notice is hereby given that an application for restoration of Patent No. 121205 dated the 6th May, 1969 made by Gobind Rewach and Mansukhani on the 28th February, 1974 and notified in the Gazette of India, Part III, Section 2, dated the 30th March, 1974 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 141865. Govindbhai Gordhanbhai Patel, of Higo's Niketan, Patel Compound, 48-B, Lamington Road, (North), Bombay-8, State of Maharashtra, India, an Indian, "A burner", May 2, 1974.

Class 3. No. 141823. N. V. Philips' Gloeilampenfabrieken of Emmasingel 29, Eindhoven, The Netherlands, "A dry shaver", February 7, 1974 (U. K.).

Class 3. No. 141884. Bata India Limited, a Limited Company incorporated under the Indian Companies Act, at 30, Shakespeare Sarani in the town of Calcutta, West Bengal, "A sole for footwear", May 14, 1974.

Class 3. No. 141890. Rajpal Plastic Industries (an Indian Partnership Firm), 303, Neelkanth, 98, Marine Drive, Bombay-2, Maharashtra State, India, "Brush", May 21, 1974.

Class 3. No. 141891. Minimax Enterprises (an Indian Partnership Firm), 5, Divya Darshan, 5, Vallabh Nagar Society, 5th Floor, Juhu Scheme Vile Parle (West), Bombay-400056, Maharashtra State, India, "Ash tray", May 21, 1974.

Class 3. No. 141901. Alembic Chemical Works Company Limited, an Indian Company, Incorporated in India, City of Baroda, State of Gujarat, India, "Bottles", May 25, 1974.

Class 4. No. 141615. Hyderabad Asbestos Cement Products Ltd., an Indian Company, of 9/1, R. N. Mukherjee Road, Calcutta-1 State of

West Bengal, India, "Asbestos, Cement sheets", January 25, 1974.

Class 6. No. 141899. Leathermasters Syndicate, 52. Basti Nau, Jullundur City, Punjab State, an Indian Partnership Firm, "Inflated leather balls", May 23, 1974.

Class 10. No. 141876. Bata India Limited, a Limited Company incorporated under the Indian Companies Act, at 30, Shakespeare Sarani in the town of Calcutta, West Bengal, Footwear", May 7, 1974.

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Design No. 133657 .. Class—1.

Design Nos. 135307, 136244, 135818, 136572 .. Class—3.

Design Nos. 135819 & 135820 .. Class—4.

Design No. 136243 .. Class—10.

S. VEDARAMAN
Controller-General of Patents, Designs
and Trade Marks.